



UNITED STATES MARINE CORPS

MARINE CORPS BASE

PSC Box 20004

Camp Lejeune, North Carolina 28542-0004

BO 3430.1B

TE&O

OCT 21 1996

BASE ORDER 3430.1B

From: Commanding General
To: Distribution List

Subj: STANDING OPERATING PROCEDURES FOR MULTIPLE INTEGRATED LASER
ENGAGEMENT SYSTEM (MILES)

Ref: (a) U.S. Army Non-Ionizing Radiation Study 25-42-0351-80
Hazard Evaluation of Production models of the Multiple
Integrated Laser Engagement Simulator 7-10 Jul 80

1. Purpose. To promulgate information and responsibilities concerning standing operating procedures for the Multiple Integrated Laser Engagement System (MILES).

2. Cancellation. BO 3430.1A.

3. Background

a. MILES is a family of low power, eye safe lasers which simulate the direct fire characteristics of the M-16 service rifle; M60E3/M240G machine guns, M-2 .50 Cal, TOW launcher, M1A1 main gun, AAV machine guns, Dragon and AT-4.

b. The engagement simulation as provided by MILES is a means by which the most realistic environment, short of actual combat, can be created for the conduct of training.

4. Summary of Revision. This Order has been revised in its entirety and should be reviewed thoroughly.

5. Information

a. Responsibilities. The using command for MILES at Camp Lejeune is U.S. Marine Corps Forces, Atlantic. The supporting command is Marine Corps Base, Camp Lejeune. MILES equipment will be subsigned to units by the supporting organization on computer generated Hand Receipts Accounts, listing serial numbers, nomenclature, part number, bar-code and quantity. Upon turn-in, all items will be scanned and another computer report will be generated. This report will determine if all equipment has been returned. In the event any equipment is missing, an investigation in accordance with current directives will be immediately initiated by the Responsible Officer for the missing equipment.

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b. Using Units. The unit commander is responsible to ensure that his officers and staff noncommissioned officers (SNCO's) are trained and proficient in the use of MILES. Assistant Chief of Staff, Training, Education and Operations (AC/S, TE&O) will conduct MILES controller training at the request of the using units. Periods of instruction will include the operation, installation, maintenance, rules of engagement, duties and responsibilities, after action review and issue and recovery at the unit level. Prior to the using unit returning MILES equipment, the unit's Responsible Officer will ensure the following is performed:

(1) Remove all sand and dirt, paying close attention to the web gear.

(2) Remove and return all batteries.

(3) Repack the equipment as instructed with all bar codes facing up.

(4) Complete the after action review form and return it along with the field issue receipts to the MILES warehouse.

c. Training Support Division (TSD). Training Support Division of the Training, Education and Operations Department is responsible for the issue, receipt, accountability, and maintenance of MILES equipment. Upon the return of an issue, MILES personnel will conduct a serviceability inspection on each item. Items found unserviceable will be replaced or turned over to the repair facility.

d. Establishing Accounts. Units will submit a letter of request to the Director, TSD indicating the quantity, type of equipment, date and time of pickup and return date and time. The letter must include the name, rank, SSN and work phone number of the Responsible Officer. Request will be submitted at least three working days in advance. Using units will return the MILES equipment within 24 hours after the completion of training.

(1) When MILES equipment is requested by a using unit, the MILES section will establish an account. The Responsible Officer must be an officer or SNCO with a valid MILES controller card.

(2) The MILES section will prepare a computer generated Hand Receipt Account (HRA) that will contain the account number, quantity, serial number and nomenclature. The HRA will be signed by the Responsible Officer and certified by a MILES representative. When the MILES equipment is returned to the warehouse, another HRA will be produced. A representative from MILES will receipt for the equipment and the Responsible Officer will certify the return of equipment.

e. Accessory Equipment. Initial issue of batteries will be on the basis of one per weapon, plus 10% of the overall issue. Under normal conditions, batteries have a life of approximately 100 hours. All batteries will be returned to the MILES warehouse regardless of their condition.

f. Blank Firing Adapters(BFA). Blank Firing Adapters for the M-16, SAW, and the M240 will be the using units responsibility.

g. Blank Ammunition. Blank ammunition for use with MILES equipment is also the using units responsibility.

h. Safety. Although the laser light emitted by MILES equipment transmitters is considered eye safe, precautions must be taken to avoid possible damage to the eye from overexposure to this radiated energy. In accordance with the reference, precautionary measures include the following:

(1) Avoid staring into laser emitter at close range (less than 12 meters).


(2) Especially avoid viewing the emitter directly through other optics such as binoculars, range finders, telescopes or periscopes at ranges of less than 75 meters.

(3) That troops be instructed not to point MILES transmitters at the face and eyes of another individual at close range.

i. MILES Training. The Director of TSD, Training, Education and Operations Department is responsible for providing the training required to certify officer's and SNCO's as MILES Controllers. This training will meet standards as promulgated by this and higher headquarters.

6. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

7. Concurrence. This Order has been coordinated with and concurred in by the Commander, U.S. Marine Corps Forces, Atlantic and Commanding Generals, 2d Marine Division and 2d Force Service Support Group.


J. T. MURRAY
Chief of Staff

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